



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.4002

Job Sheet 174677



Part No: 646.4002

Job Qty: 1 ea

Part Name: AS350 Wiper Deflector



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/20/18

Job Tracking No:

Due Date: 3/30/18

Created By: Linda Lacelle

Type: Stock

Description:

Note: DWG REV C1 IPP REV:A 12.12.23 NEW ISSUE DD VERF:JLM IPP REV:B 16.01.07 DWG REV:C DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time	Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time		
90	Start up Operation	1 Ea	3/30/18	3/30/18	0.00	0.00	Start Up Stores/Pkg-1	2.50	2.50	MAR 21 2018
110	Packaging	1 pcs	3/30/18	3/30/18	0.00	0.00	Packaging1-1	2.50	2.50	MAR 21 2018
120	QC	1 pcs	3/30/18	3/30/18	0.00	0.00	QC4	2.50	2.50	SMB
125	DC	1 pcs	3/30/18	3/30/18	0.00	0.00	DC			SMB
130	Packaging	1 pcs	3/30/18	3/30/18	0.00	0.00	Packaging3-1			SMB
140	QC21-FG	1 Ea	3/30/18	3/30/18	0.00	0.00	QC21			

Part Op 125 - Photocopy bluefile & type labels per PPP 646.4002

Descriptions: 130 - Identify and pack for shipping as per PPP 646.4002 Location : FG102

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
600.1012	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea)	90-Start up Operation	
646.3410	LH Wiper Deflector	1 Ea (1 ea)	90-Start up Operation	
646.3411	RH Wiper Deflector	1 Ea (1 ea)	90-Start up Operation	
646.3814	Wiper Bracket	2 Ea (2 ea)	90-Start up Operation	
MS21042L3	Nut	6 Ea (6 ea)	90-Start up Operation	
MS24694-S53	Screw	2 Ea (2 ea)	90-Start up Operation	
MS27039-1-18	Screw	2 Ea (2 ea)	90-Start up Operation	
MS27039-1-19	Screw	2 Ea (2 ea)	90-Start up Operation	
NAS1149F0332P	Washer	16 Ea (16 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	600.1012	1	26	0
	646.3410	1	12	0
	646.3411	1	14	0
	646.3814	2	8	0
	MS21042L3	6	2,714	0
	MS24694-S53	2	237	0
	MS27039-1-18	2	1,363	0
	MS27039-1-19	2	384	0
	NAS1149F0332P	16	2,157	0

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS																																																							
Part No. _____		Rework ☐		Skid-tube ☐		Cross tube ☐		Water Jet ☐		Engineering ☐																																																	
NCR No. _____		Scrap ☐		Machining ☐		Small Fab ☐		Prod. Eng. Coord. ☐		Quality ☐																																																	
		Use-as-is ☐		Thermoforming ☐		Finishing ☐		Rec/Store/Packaging ☐		Other ☐																																																	
		Suspected Unapproved ☐		Large Fab ☐		Composite ☐		Supplier ☐																																																			
Date : _____		Step #: _____		QTY Effective : _____				MRB (QS1042) Approval _____																																																			
Description Work Order D																																																											
Completed By _____																																																											
Lead hand / Supervisor Approval Verification _____																																																											
QC / QA Coordinator Approval _____																																																											
AS350 Wiper Deflector																																																											
Barcode																																																											
Part No: 646.4002																																																											
Serial No/Batch: S053310																																																											
Revision:																																																											
Operation: Packaging																																																											
Change No:																																																											
Mfg Date: 03/21/18																																																											
Job No: 174677																																																											
Root Cause																																																											
<table border="0"><tr><td>Environment ☐</td><td>No Re-verification ☐</td><td>Pr ☐</td><td>Positioned Wrong ☐</td></tr><tr><td>Design ☐</td><td>Operator ☐</td><td>Be ☐</td><td>Outside Dimensions ☐</td></tr><tr><td>Doc/Data ☐</td><td>Offset/Setup ☐</td><td>Ce ☐</td><td>Over/Under tolerance ☐</td></tr><tr><td>Equip/Tooling ☐</td><td>Supplier ☐</td><td>Cr ☐</td><td>Part Incorrect ☐</td></tr><tr><td>Handling/Pre ☐</td><td>Training ☐</td><td>Cri ☐</td><td>Part Lost/Missing ☐</td></tr><tr><td>Material ☐</td><td>Use for Testing ☐</td><td>Cuffs ☐</td><td>Part Moved ☐</td></tr><tr><td>Internal Transport ☐</td><td>Poor Information ☐</td><td>Crushing ☐</td><td>Drawing ☐</td></tr><tr><td>Tribal Knowledge ☐</td><td>Rushing ☐</td><td>Heat Treat ☐</td><td>Finish ☐</td></tr><tr><td>LOA ☐</td><td>Product Improvement ☐</td><td>Wave/Twist in Tube ☐</td><td>Misread ☐</td></tr><tr><td>Substation ☐</td><td>Process Improvement ☐</td><td>Marks/Chatter ☐</td><td>Turning Sequence ☐</td></tr><tr><td>Past Expiry Date ☐</td><td>Manufacturing Process ☐</td><td></td><td></td></tr><tr><td>Misidentified ☐</td><td>Past Due ☐</td><td></td><td></td></tr></table>												Environment ☐	No Re-verification ☐	Pr ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Be ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Ce ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cr ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Cri ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐			Misidentified ☐	Past Due ☐		
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Misidentified ☐	Past Due ☐																																																										
OTHER : _____																																																											

Part Specifications
Specifications could not be found.

Plex 3/20/18 1:59 PM dart.lacelle.linda

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								



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Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
001810	S053272	646.3410	LH Wiper Deflector	f125082-10 ✓	CCK010	1
001810	S053273	646.3411	RH Wiper Deflector	f125082-9 ✓	CCK010	1
001810	S053302	646.3814	Wiper Bracket	f164660 ✓	CCK105	2
001810	S053301	MS21042L3	Nut	s038764 ✓	ST303	6
001810	S053300	MS24694-S53	Screw	f113359 ✓	ST284	2
001810	S053292	MS27039-1-18	Screw	F124326 ✓	OVER006	2
001810	S053291	MS27039-1-19	Screw	S024444 ✓	ST280	2
001810	S053284	NAS1149F0332P	Washer	S020603 ✓	ST262	16

M125083
M125083

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

600.1012 ~~S053272~~ S054101

Plex 3/21/18 7:37 AM dart.quirion.sonia